

# NWS GRAND JUNCTION COLORADO



A L O O K  
BACK AT

**September 2021**  
WEATHER ACROSS E UTAH / W COLORADO

September began wet with low pressure bringing several days of precipitation. The old 24 hour rainfall record for September 1<sup>st</sup>, 0.50 inches set in 1937, was broken with a new record of 0.76 inches set. Things cleared up by Labor Day weekend, with conditions turning warm and a bit smoky, as a ridge of high pressure settled over the area. This high pressure remained in control through September 20<sup>th</sup>, before conditions returned to wet and unsettled through the end of the month. Several low pressure systems moved through over this period, bringing periods of rain, and even high elevation mountain snow, to much of eastern Utah and western Colorado. Temperatures also took a nosedive at the end of the month, dropping from 10 degrees above average to close to 10 degrees below at points. Freeze warnings were issued for portions of northwest Colorado at this time as well. The month finished out with unsettled conditions and temperatures near seasonal.



# September 2021

## CLIMATE SUMMARY



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*NOTE: all data mentioned is collected from our automated observing stations from 10 airports across the area. Some observers in more remote areas September have measured warmer or colder temperatures, or more or less precipitation than mentioned in this summary.*

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# STORY OF THE MONTH

# 1st September RECORD RAINFALL

*In the final days of August, deep subtropical moisture began pushing into eastern Utah and western Colorado around the end of a cut off low pressure sitting off the coast of southern California. This low began to shift northeast through the Desert Southwest and into the Four Corners region, where its energy combined with the deep moisture to bring widespread moderate to heavy rainfall. At the Grand Junction Airport, a new 24 hour rainfall record of 0.76 inches was set for September 1<sup>st</sup>, beating the old record of 0.50 inches, set in 1937, by over a quarter of an inch!*

## NEW RECORD!

24 - HR TOTAL RAINFALL  
FOR SEPT 1<sup>ST</sup>

AT THE GRAND JUNCTION AIRPORT

0.76

(2021)

~~0.50~~

(1937)



WWW.WEATHER.GOV/GJT  
NATIONAL WEATHER SERVICE  
OCEANIC AND ATMOSPHERIC ADMINISTRATION



Grand Junction, CO

September  
2021

# TEMPERATURES



Location	Average Temp (°F) (VS Normal)	Warmest Temp (°F)	Coldest Temp (°F)
Aspen, CO	58.7 (+2.6)	87 on 9/10	28 on 9/21
Cortez, CO	63.1 (+1.7)	93 on 9/7, 9	33 on 9/21, 22
Craig, CO	58.7 (+1.6)	94 on 9/10	25 on 9/22
Durango, CO	62.3 (+2.8)	92 on 9/9	31 on 9/22
Grand Junction, CO	69.0 (+1.9)	94 on 9/9, 10	43 on 9/22
Meeker, CO	58.8 (+0.3)	91 on 9/10	27 on 9/21
Montrose, CO	65.4 (+2.2)	93 on 9/10	38 on 9/21
Rifle, CO	65.8 (+3.3)	95 on 9/8, 9, 10	35 on 9/21
Canyonlands Airport, UT	69.5 (+1.2)	98 on 9/10	43 on 9/22
Vernal, UT	63.8 (+1.8)	93 on 9/10	36 on 9/22





S e p t e m b e r  
2 0 2 1

# PRECIPITATION



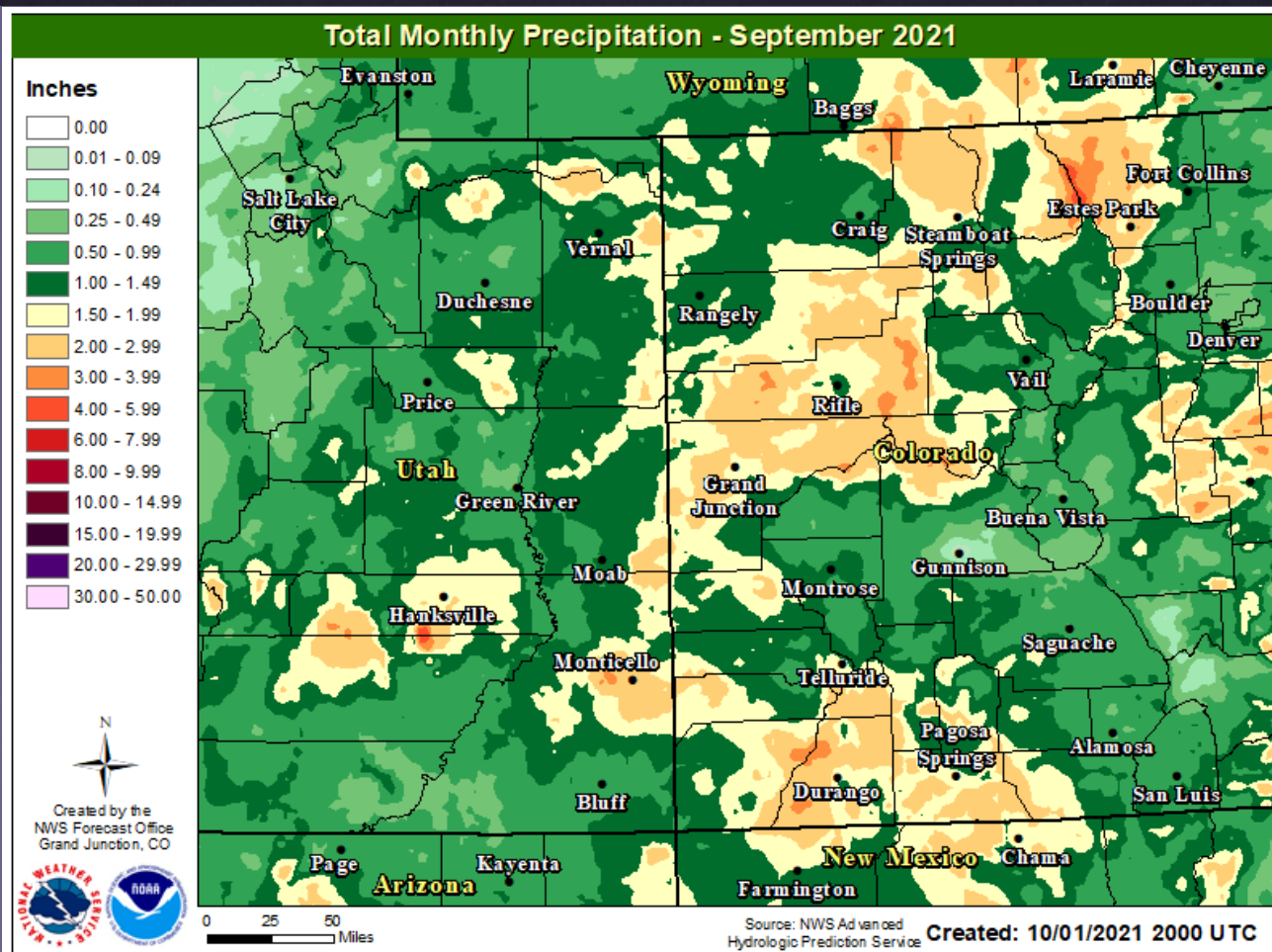
Location	Total Precipitation (in.)	Departure from Normal (in.)
Aspen, CO	1.57	+0.14
Cortez, CO	1.41	-0.17
Craig, CO	1.04	-0.71
Durango, CO	2.10	+0.11
Grand Junction, CO	1.89	+0.70
Meeker, CO	1.78	+0.10
Montrose, CO	1.09	-0.08
Rifle, CO	1.26	-0.08
Canyonlands Airport, UT	0.86	-0.03
Vernal, UT	1.47	+0.25

# September 2021

## CLIMATE SUMMARY



### TOTAL MONTHLY PRECIPITATION



# September 2021

## CLIMATE SUMMARY

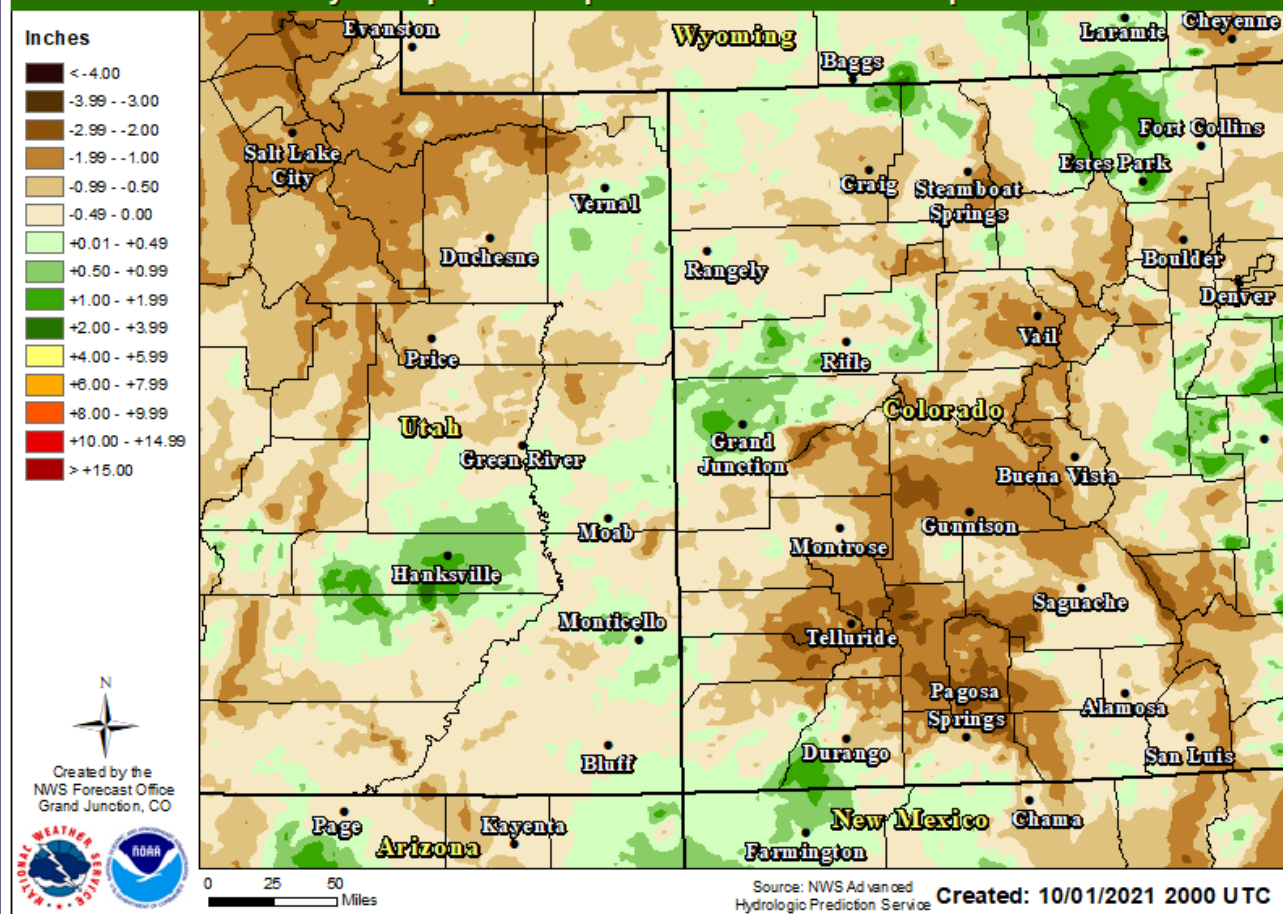


TOTAL  
MONTHLY

# PRECIPITATION

## DEPARTURE FROM NORMAL

Total Monthly Precipitation Departure From Normal - September 2021



# September 2021

## CLIMATE SUMMARY



DAILY  
RECORDS

# R E P O R T

*A total of 1 daily record was set across the primary climate sites*

Site	Date	Record Type	New Record	Previous Record
Grand Junction, CO	September 1st	Daily Rainfall Max	0.76 inches	0.50 inches in 1937

High Max

Low Max

Precip

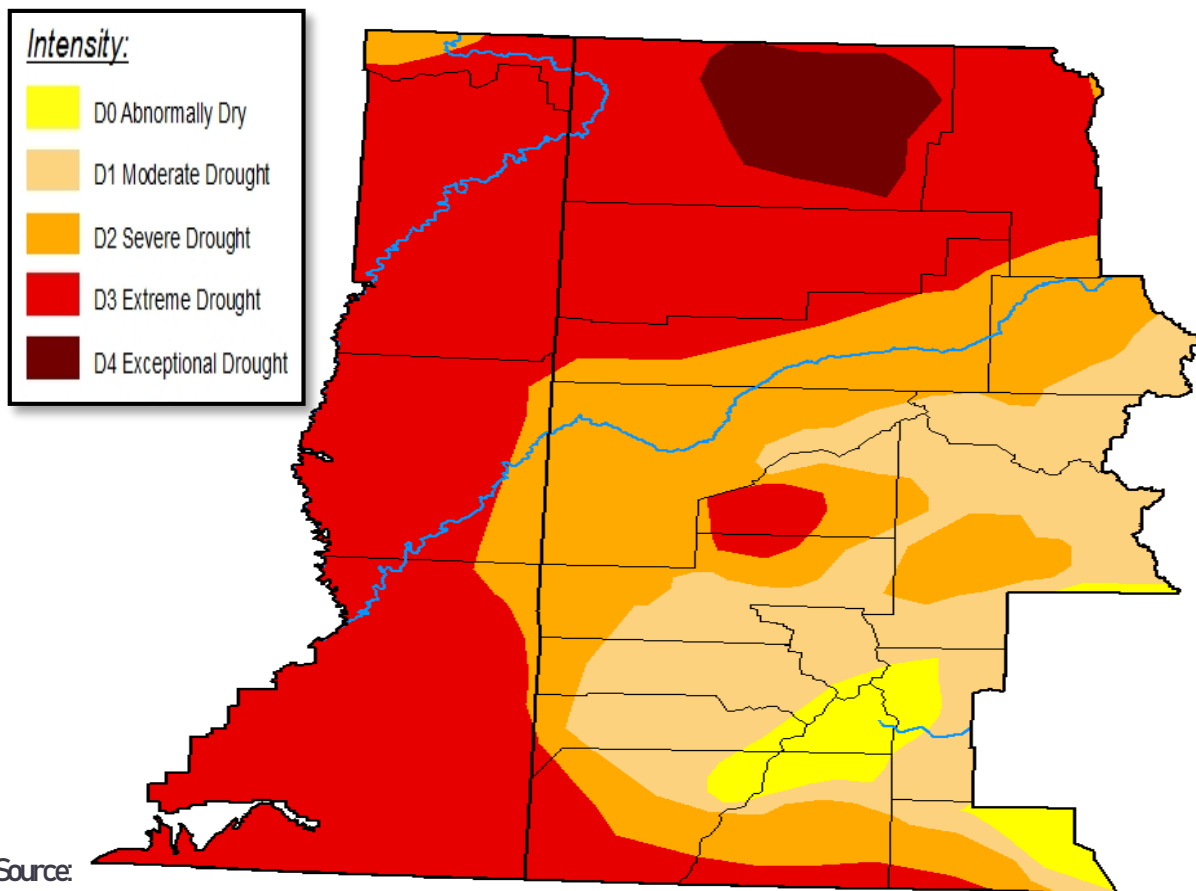
High Min

Low Min





*Extreme (D3) to exceptional (D4) drought conditions persisted across the majority of eastern Utah and northwest Colorado throughout September. Across southwest Colorado, while drought conditions continued, they remained less severe compared to the rest of the region, ranging from the severe (D2) to abnormally dry (D0) category.*

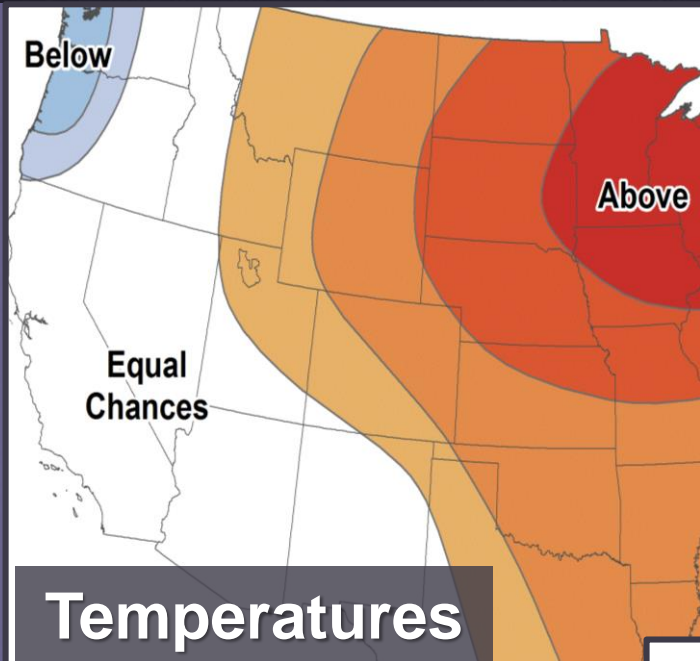


Source:  
<http://droughtmonitor.unl.edu>

SEPTEMBER  
2 0 2 1

# OUTLOOK

## TEMPERATURES & PRECIPITATION



*For October, the latest outlook from the Climate Prediction Center (CPC) shows odds favoring above normal temperatures for western Colorado and eastern Utah, except for southeast Utah and southwest Colorado, where confidence is less. With regards to precipitation, guidance does not favor either above or below average at this time.*

